



Dart Aerospace Ltd.  
1270 Aberdeen St  
Hawkesbury, ON  
K6A 1K7  
Canada

Tel (613) 632-5200

644.4121

Job Sheet 175559



Part No: 644.4121

Job Qty: 20 ea

Part Name: Washer, Nylon



Part Weight: 0 lbs

Status: Scheduled

Priority: Medium

Job Created: 4/6/18

Job Tracking No:

Due Date: 4/16/18

Created By: Marie Lajeunesse

Type: SOLD

Description:

Note: DWG 644.4100 REV F2 IPP REV:A NEW ISSUE 16-12-07 JLM VERIFIED BY:DD

Ship Via:

### Bill of Materials

### Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup hrs	Run Hrs	Workcenter / Supplier	Lead Time	
90	Start up Operation	20 Ea		4/12/18	0.00	0.00	Start Up Waterjet		DL 18/04/13
100	Waterjet	20 pcs		4/16/18	0.00	37.04	Waterjet1		DL 18/04/13
110	QC	20 pcs		4/16/18	0.00	0.00	QC2 Waterjet-1		DL 18/04/13
120	QC	20 pcs		4/16/18	0.00	0.00	QC8-1		33
130	Packaging	20 pcs		4/16/18	0.00	0.00	Packaging3	00K131	APR 17 2018
140	QC21-SA	20 Ea		4/16/18	0.00	0.00	QC21		APR 18 2018

Part Op 100 - \*\*\*CUT WITHOUT ABRASIVE\*\*\* 1-Cut as per Dwg Dwg Rev: F2 Prog Rev: F2 2-Deburr as required  
Descriptions: 130 - LOCATION : GA

### Job BOM

Part / Item	Component Name	Quantity	Operation	Container
8555K999	Self-Lubricating MDS-Filled Nylon Sheet 1/32" x 12" x 24"	.6000 sf (.03 ea)	90-Start up Operation	

### Job Allocations

Operation	Component Part	Required	Inventory	Allocated
90-Start up Operation	8555K999	1	6	0

### Part Specifications

Specifications could not be found.

Plex 4/6/18 11:11 AM Dart.lajeunesse.marie

DQA: \_\_\_\_\_ Date: \_\_\_\_\_

**WORK ORDER NON-CONFORMANCE / UPDATE**

QA Closed: \_\_\_\_\_ Date: \_\_\_\_\_

Work Order update only ☐

Work Order: _____  Part No. _____  NCR No. _____  Date : _____  Descr. _____	<b>DISPOSITION</b>  Rework <input type="checkbox"/>	<b>AGAINST DEPARTMENT/PROCESS</b>  <div style="display: flex; justify-content: space-between;"> <div>           Skid-tube <input type="checkbox"/>            Machine <input type="checkbox"/> </div> <div>           Cross tube <input type="checkbox"/>            Small Fab <input type="checkbox"/> </div> <div>           Water Jet <input type="checkbox"/>            Prod. Eng. Coord. <input type="checkbox"/>            :/Store/Packaging <input type="checkbox"/>            Supplier <input type="checkbox"/> </div> <div>           Engineering <input type="checkbox"/>            Quality <input type="checkbox"/>            Other <input type="checkbox"/> </div> </div>	
		MRB (QSI042) Approval	
		Completed By	
		Lead hand / Supervisor Approval Verification	
		QC / QA Coordinator Approval	

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 CANADA  
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**DART**  
 AEROSPACE  
 Container No: S060869  
 Part: 644.4121  
 Job No: 175559  
 Serial No/Batch: S060869  
 Revision: F2  
 Inspector:

Date: 04/13/18

<b>Root Cause</b>			
Environment	<input type="checkbox"/>	No Re-verification	<input type="checkbox"/>
Design	<input type="checkbox"/>	Operator	<input type="checkbox"/>
Doc/Data	<input type="checkbox"/>	Offset/Setup	<input type="checkbox"/>
Equip/Tooling	<input type="checkbox"/>	Supplier	<input type="checkbox"/>
Handling/Pre	<input type="checkbox"/>	Training	<input type="checkbox"/>
Material	<input type="checkbox"/>	Use for Testing	<input type="checkbox"/>
Internal Transport	<input type="checkbox"/>	Poor Information	<input type="checkbox"/>
Tribal Knowledge	<input type="checkbox"/>	Rushing	<input type="checkbox"/>
LOA	<input type="checkbox"/>	Product Improvement	<input type="checkbox"/>
Substation	<input type="checkbox"/>	Process Improvement	<input type="checkbox"/>
Past Expiry Date	<input type="checkbox"/>	Manufacturing Process	<input type="checkbox"/>
Misidentified	<input type="checkbox"/>	Past Due	<input type="checkbox"/>
OTHER : _____			

Pressure/force  
 Bending  
 Centre Not Concentric  
 Cracks  
 Crimp/Kink/Ripple/Wave  
 Cuffs  
 Crushing  
 Heat Treat  
 Wave/Twist in Tube  
 Marks/Chatter

Set-up  
 BOM/Route  
 Broken/Damage/Defect  
 Inspection Incomplete/Unqualified  
 Contamination  
 Countersink  
 Cut Too Short  
 Instructions Incomplete/Unclear  
 Drill Holes

Power Loss/Surge  
 Jolio/Program  
 Grain  
 Weld  
 Wrong Stock Pulled  
 Out of Sequence  
 Off-set  
 Mislabeled  
 Fit/Function  
 Misaligned/off center

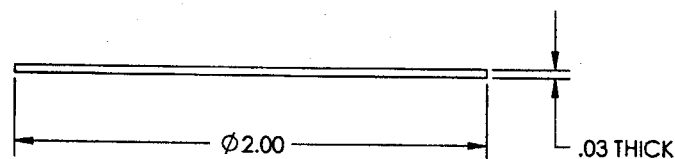
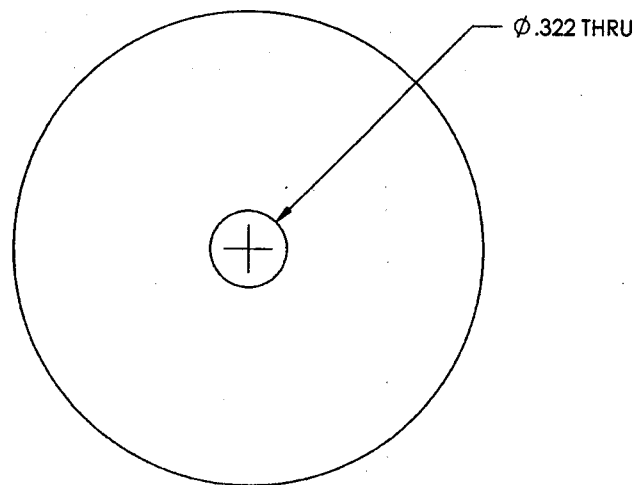
Positioned Wrong  
 Outside Dimensions  
 Over/Under tolerance  
 Part Incorrect  
 Part Lost/Missing  
 Part Moved  
 Drawing  
 Finish  
 Misread  
 Turning Sequence

# INSPECTION SHEET

Rev	Date	Change	Revised by	Approved
A	14.07.31	New Issue	KJ	



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644.4121  
WASHER, NYLON

ORIGINAL DATE (MM-DD-YY)	08-01-05	APICAL INDUSTRIES 2608 TEMPLE HEIGHTS DR. OCEANSIDE, CA. 92056-3512 (760)724-5300	
DRAWN BY D. PARICOTI	CHECKER J. JOSEPH		
DRAWING APPROVAL J. JOSEPH 08-29-05	PIVOT STEP ASSY		
CONTRACT NO.			
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS ±.03 3 PLACE DECIMALS ±.010 ANGLES ±.5°	REV. B	CAGE CODE 07M26	DWG. NO. 644.4100
SCALE NONE		SHEET 13 OF 16	

DQA: \_\_\_\_\_ Date: \_\_\_\_\_



## WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: \_\_\_\_\_ Date: \_\_\_\_\_

Work Order update only ☐

Work Order: _____  Part No. _____  NCR No. _____		<b>DISPOSITION</b>  Rework <input type="checkbox"/> Scrap <input type="checkbox"/> Use-as-is <input type="checkbox"/> Suspected Unapproved <input type="checkbox"/>		<b>AGAINST DEPARTMENT/PROCESS</b>  <div style="display: flex; justify-content: space-between;"> <div>             Skid-tube <input type="checkbox"/>              Machining <input type="checkbox"/>              Thermoforming <input type="checkbox"/>              Large Fab <input type="checkbox"/> </div> <div>             Cross tube <input type="checkbox"/>              Small Fab <input type="checkbox"/>              Finishing <input type="checkbox"/>              Composite <input type="checkbox"/> </div> <div>             Water Jet <input type="checkbox"/>              Prod. Eng. Coord. <input type="checkbox"/>              Rec/Store/Packaging <input type="checkbox"/>              Supplier <input type="checkbox"/> </div> <div>             Engineering <input type="checkbox"/>              Quality <input type="checkbox"/>              Other <input type="checkbox"/> </div> </div>					
Date :		Step #:		QTY Effective :			MRB (QSI042) Approval   Completed By   Lead hand / Supervisor Approval Verification   QC / QA Coordinator Approval		
Description Work Order Deviation				Disposition					
<b>Root Cause</b> <div style="display: flex; justify-content: space-between;"> <div>             Environment <input type="checkbox"/>              Design <input type="checkbox"/>              Doc/Data <input type="checkbox"/>              Equip/Tooling <input type="checkbox"/>              Handling/Pre <input type="checkbox"/>              Material <input type="checkbox"/>              Internal Transport <input type="checkbox"/>              Tribal Knowledge <input type="checkbox"/>              LOA <input type="checkbox"/>              Substation <input type="checkbox"/>              Past Expiry Date <input type="checkbox"/>              Misidentified <input type="checkbox"/> </div> <div>             No Re-verification <input type="checkbox"/>              Operator <input type="checkbox"/>              Offset/Setup <input type="checkbox"/>              Supplier <input type="checkbox"/>              Training <input type="checkbox"/>              Use for Testing <input type="checkbox"/>              Poor Information <input type="checkbox"/>              Rushing <input type="checkbox"/>              Product Improvement <input type="checkbox"/>              Process Improvement <input type="checkbox"/>              Manufacturing Process <input type="checkbox"/>              Past Due <input type="checkbox"/> </div> </div>		<b>FAULT CATEGORY</b> <div style="display: flex; justify-content: space-between;"> <div>             Pressure/Forced <input type="checkbox"/>              Bending <input type="checkbox"/>              Centre Not Concentric <input type="checkbox"/>              Cracks <input type="checkbox"/>              Crimp/Kink/Ripple/Wave <input type="checkbox"/>              Cuffs <input type="checkbox"/>              Crushing <input type="checkbox"/>              Heat Treat <input type="checkbox"/>              Wave/Twist in Tube <input type="checkbox"/>              Marks/Chatter <input type="checkbox"/> </div> <div>             Temperature/Cure <input type="checkbox"/>              Set-up <input type="checkbox"/>              BOM/Route <input type="checkbox"/>              Broken/Damage/Defect <input type="checkbox"/>              Inspection Incomplete/Unqualified <input type="checkbox"/>              Contamination <input type="checkbox"/>              Countersink <input type="checkbox"/>              Cut Too Short <input type="checkbox"/>              Instructions Incomplete/Unclear <input type="checkbox"/>              Drill Holes <input type="checkbox"/> </div> <div>             Power Loss/Surge <input type="checkbox"/>              Folio/Program <input type="checkbox"/>              Grain <input type="checkbox"/>              Weld <input type="checkbox"/>              Wrong Stock Pulled <input type="checkbox"/>              Out of Sequence <input type="checkbox"/>              Off-set <input type="checkbox"/>              Mislabeled <input type="checkbox"/>              Fit/Function <input type="checkbox"/>              Misaligned/off center <input type="checkbox"/> </div> <div>             Positioned Wrong <input type="checkbox"/>              Outside Dimensions <input type="checkbox"/>              Over/Under tolerance <input type="checkbox"/>              Part Incorrect <input type="checkbox"/>              Part Lost/Missing <input type="checkbox"/>              Part Moved <input type="checkbox"/>              Drawing <input type="checkbox"/>              Finish <input type="checkbox"/>              Misread <input type="checkbox"/>              Turning Sequence <input type="checkbox"/> </div> </div>		OTHER : _____					